

List of Acronyms

<u>Acronym</u>	<u>Definition</u>
A/D	Analog/Digital
AAM	Air to Air Missile
ABCCC	Airborne Command and Control Center
ABL	Airborne Laser
ACO	Airspace Coordination Order
ACTD	Advanced Concept Technology Demonstration
AEW	Anti-Electronic Warfare
AJ/LPI	Anti-Jam/Low Probability of Intercept
ALCM	Air Launched Cruise Missile
AMRAAM	Advanced Medium Range Air to Air Missile
ATBM	Anti-TBM
ATC	Automatic Target Cueing
ATR	Automatic Target Recognition
AWACS	Airborne Warning and Control System
BPI	Boost Phase Intercept
C2 or C ²	Command and Control
C ³ I	Command, Control, Communications, Intelligence
CDL	Common Data Link
CEB	Combined Effects Bomblet
CEP	Circular Error Probable
CFE	Conventional Forces Europe
CL	China Lake
CMD	Cruise Missile Defense
CONUS	Continental United States
COTS	Commercial Off the Shelf
CRC	Command Reporting Center
CW/BW	Chemical Warfare/Biological Warfare
CWMD	Counter Weapons of Mass Destruction
DARO	Defense Airborne Reconnaissance Office
DARPA	Defense Advanced Research Projects Agency
DGPS	Differential GPS
DIS	Distributed Interactive Simulation
DoD	Department of Defense
DTM	Digital Terrain Map
ECCM	Electronic Counter Counter Measures
ECM	Electronic Counter Measures
EMD	Engineering and Manufacturing Development
EO	Electro-Optical
ESM	Electronic Support Measures
EW	Electronic Warfare
FAA	Federal Aviation Administration

FLIR	Forward Looking Infrared
FOPEN	Foliage Penetrating
fps	feet per second
ft	feet
GPS	Global Positioning System
HAE	High Altitude Endurance (P-Penetrating, S-Standoff, C-Combat)
HOBO	Homing Bomb
HOTAS	Hands on Throttle and Stick
HPM	High Power Microwave
hr	hour
HSI	Human Systems Integration
ICAO	International Civil Aviation Organization
IFF	Identification Friend or Foe
IHPTET	Integrated High Performance Turbine Engine Technology
in.	inch
INF	Intermediate Nuclear Forces
INS	Inertial Navigation System
IOC	Initial Operational Capability
IR	Infrared
IRCM	Infrared CounterMeasure
IRST	Infrared Search and Track
ISR	Intelligence, Surveillance, Reconnaissance
JDAM	Joint Direct Attack Munition
JSOW	Joint Standoff Weapon
kg	kilogram
KKV	Kinetic Kill Vehicle
L/D	Lift to Drag
LADAR	Laser Distancing and Ranging
lb	pound
LIDAR	Light Distancing and Ranging
LO	Low Observable
LOCAAS	Low Cost Autonomous Attack System
LOS	Line of Sight
MCE	Mission Control Element
MDS	Mission Design Series
MEMS	Micro ElectroMechanical Systems
MMW	Millimeter Wave
MPT	Manpower, Personnel, and Training
MTI	Moving Target Indicator
NBC	Nuclear, Biological, and Chemical
NIIRS	National Imagery Interpretation Rating Scale
nm	nautical mile
NSWC	Naval Surface Warfare Center
O&M	Operations and Maintenance
OJT	On the Job Training

OOTW	Operations Other Than War
P_k	Probability of Kill
P_{ssk}	Probability of Single Shot Kill
psf	pounds per square foot
psi	pounds per square inch
RCS	Radar Cross Section
RF	Radio Frequency
RFCM	Radio Frequency Countermeasure
RTIC	Real Time Information to the Cockpit
s	second
SAB	Scientific Advisory Board
SAR	Synthetic Aperture Radar
SATCOM	Satellite Communications
SEAD	Suppression of Enemy Air Defenses
SFC	Specific Fuel Consumption (see also TSFC)
SIGINT	Signal Intelligence
SIOP	Single Integrated Operations Plan
START	Strategic Arms Reduction Treaty
TBM	Theater Ballistic Missile
TCAS	Terrain Collision Avoidance System
TDOA	Time Difference of Arrival
TMD	Theater Missile Defense
TOGW	Takeoff Gross Weight
TSFC	Thrust Specific Fuel Consumption (see also SFC)
TUAV	Tactical UAV
UK	United Kingdom
US	United States
UAV	Unmanned Aerial Vehicle
UCN	UAV Communications Node
UGS	Unattended Ground Sensor
UHF	Ultra-High Frequency
USAF	United States Air Force
UTA	Unmanned Tactical Aircraft
VHF	Very High Frequency
VLO	Very Low Observable
WMD	Weapon of Mass Destruction

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